

H. C. HINE.  
GARMENT SUPPORTER.  
APPLICATION FILED SEPT. 2, 1909.

959,937.

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Fig. 1.

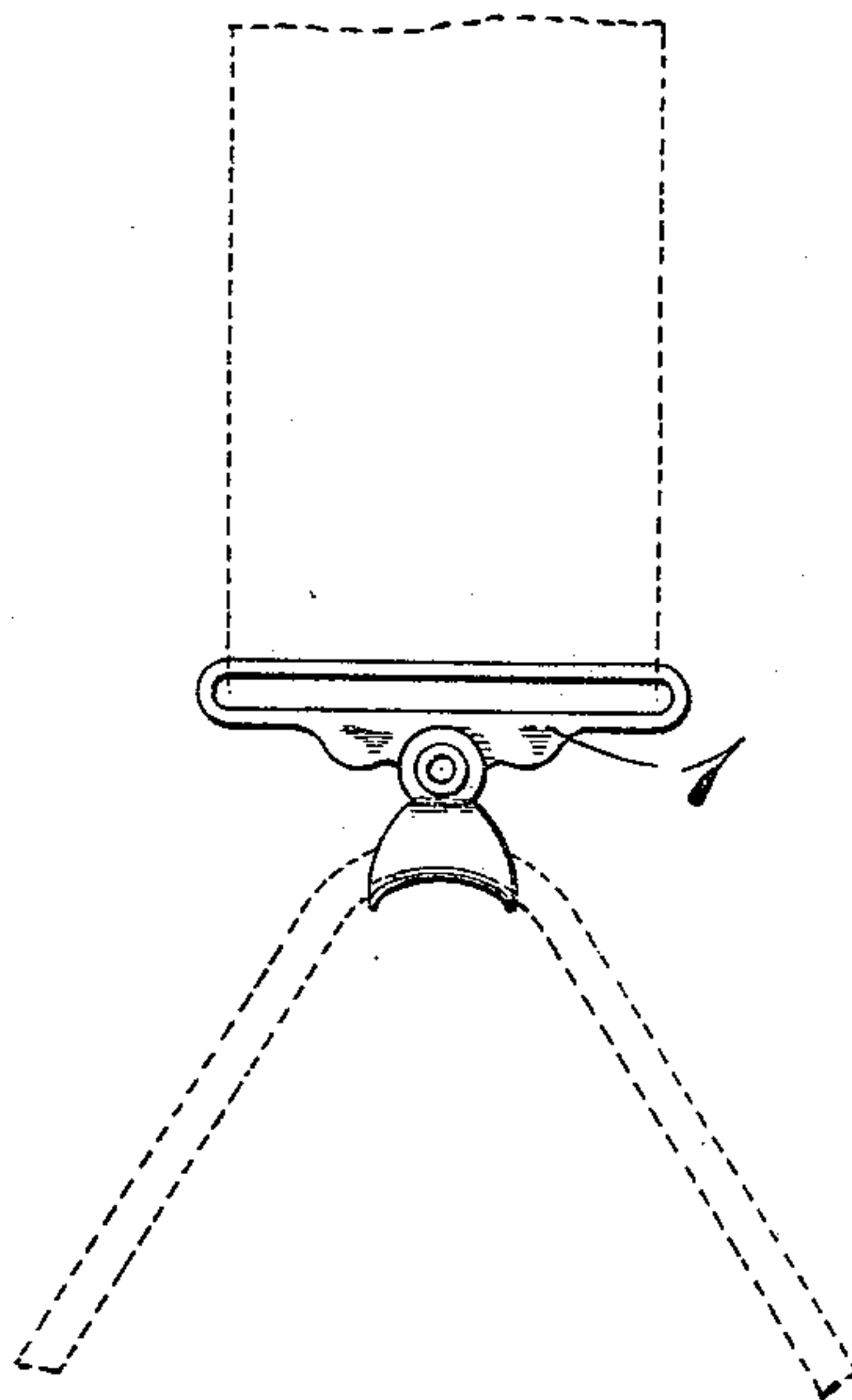


Fig. 2.

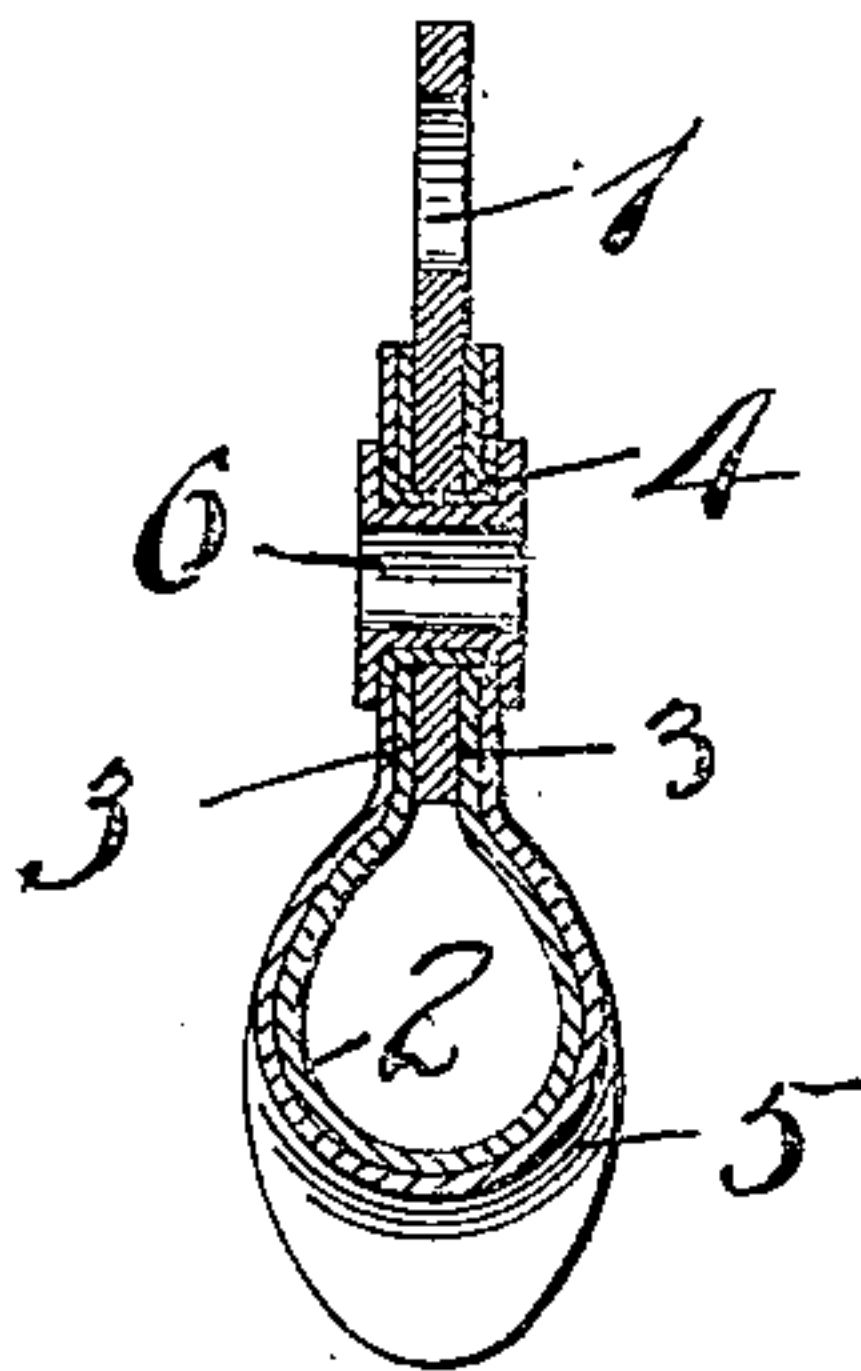
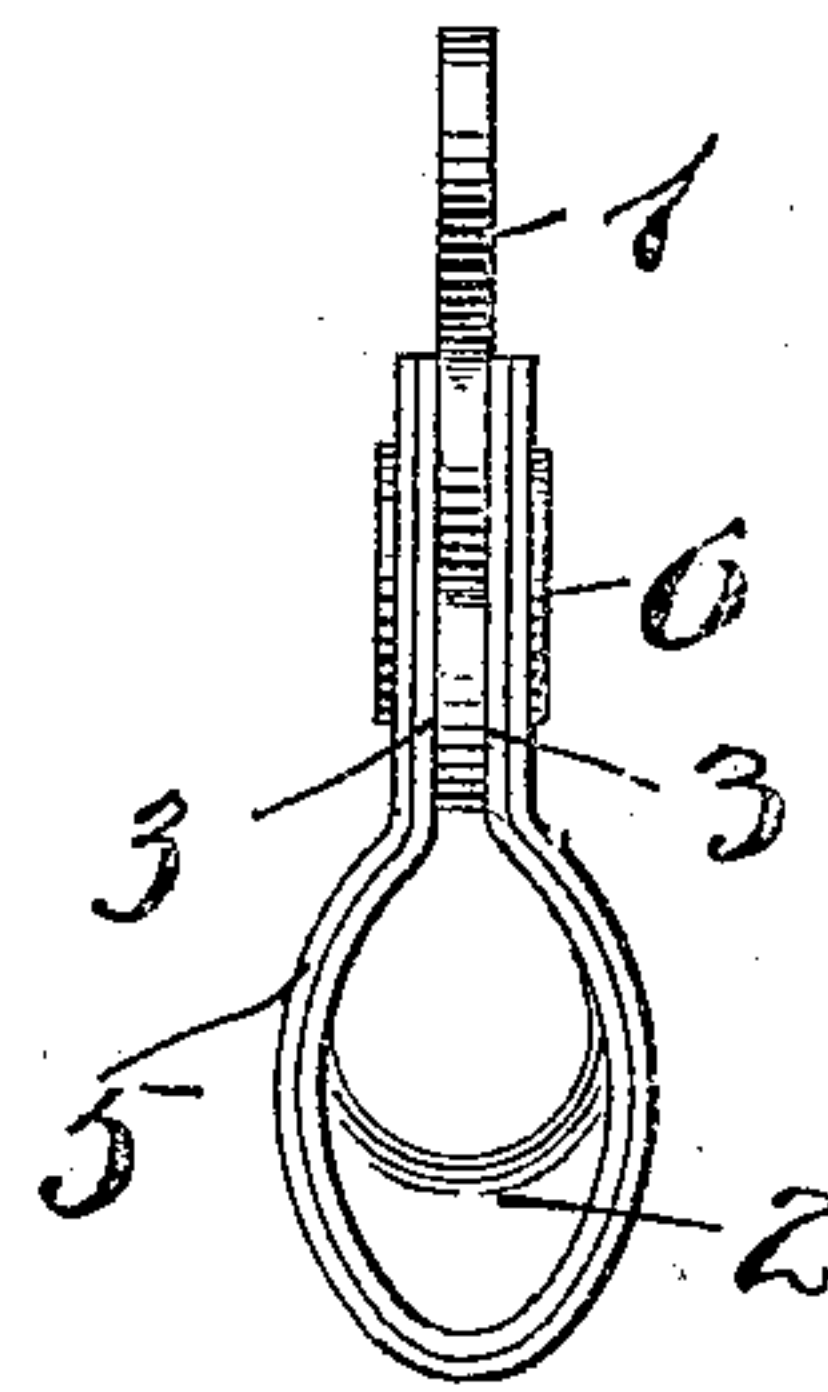


Fig. 3.



Witnesses:  
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# UNITED STATES PATENT OFFICE.

HENRY C. HINE, OF NEW BRITAIN, CONNECTICUT, ASSIGNOR OF ONE-HALF TO  
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GARMENT-SUPPORTER.

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*To all whom it may concern:*

Be it known that I, HENRY C. HINE, a citizen of the United States, residing at New Britain, county of Hartford, State of Connecticut, have invented certain new and useful Improvements in Garment-Supporters, of which the following is a full, clear, and exact description.

My invention relates to improvements in garment supporters and particularly to suspension devices therefor.

In the drawings, Figure 1 is a front elevation of my invention; Fig. 2 is a relatively enlarged central sectional view; Fig. 3 is an edge elevation.

The purpose of the invention is to improve the construction of a swiveled tube bearing for a garment supporting cord, which improvement comprises a guard or protecting envelop for the said swiveled bearing tube, said envelop being made of non-corrosive material such, for example, as celluloid, thereby preventing discoloration of the body or the clothing of the wearer from oxidation or corrosion. In the present instance I have shown my improved swiveled tube as applied to a loop such as used in a suspender.

1 represents a loop.

2 represents the metallic cord bearing portion of a tube. The tube 2 has upwardly projecting ears 3—3, which stand on opposite sides of the base of the loop 1, said ears being held thereto with the proper degree of tightness by a tubular rivet 4.

5 is an envelop of non-corrosive material corresponding in general outline to the external outline of the tube 2, said envelop also preferably overstanding the ears 3—3. 6 is a second rivet passing through the upper part of the envelop and through the first mentioned rivet 4, whereby said envelop 5 is securely held to the tube. The tube, as seen in front elevation (Fig. 1) is curved so as to form a recess at its under side. This recess affords a cavity for the receiving of the adjacent portion of the envelop 5 and

hence said envelop can not become displaced when once secured by the rivet 6. Another advantage of providing a separate rivet to hold the envelop in place is found in that it permits the metal parts to be electroplated in their assembled form before the envelop is applied. Another advantage of employing a separate rivet for holding the envelop in place resides in the fact that while the application of the second rivet reinforces the first rivet, it will not cause such pressure to be brought upon the ears 3—3 as to clamp them with undue pressure upon the frame 1, which if not guarded against might result in too tight connection and too little freedom of swiveling action so essential to the effective working of the parts in use.

What I claim is:

1. In a garment supporter trimming, a frame, a metal bearing tube connected thereto, a tubular rivet for connecting said parts, an envelop of non-corrosive material conforming substantially to the outside of said tube and arranged externally upon the same, means for holding said envelop firmly in place on the external surface of said tube, said means comprising a rivet passing through said tubular rivet and through said envelop.

2. In a garment supporter trimming, a supporting frame, a metallic bearing tube pivotally connected thereto and having a longitudinal cord passage, the ends of said tube being turned down to form an arched track for the cord, an envelop of non-corrosive material covering said tube, said envelop extending around the lower side thereof and being conformed thereto whereby said envelop is held from independent movement longitudinally of the tube and means for securing the upper part of said envelop to the upper part of said tube.

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